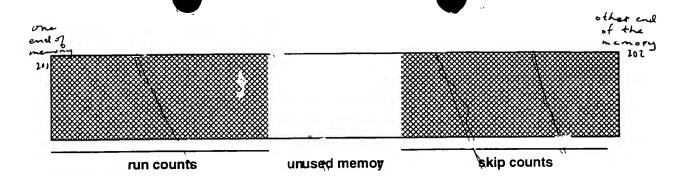


Figure 1

	5P .	- J.	- 3P	_		C 12	C 16	C 20	C 24		C 28	
	R		SP 5	C 9		C 13	C 17	C 21	C 25		C 29	
	R   2		SP 6	S <b>P</b> 10		SP 14	SP 18	C 22	C 26		C 30	
1	SP		SP 7	R 11	1 1	R <sup>.</sup> 15	SP 19	C 23	C 27		C 31	
I I	C 32		SP 36	SP 40		SP 44	SP 48	C 52			C 60	
I I I	C 33		C 37	C 41		C 45	C 49	C 53	C 57		C 61	
	C 34		C 38	C 42		C 46	C 50	C 54	C 58		C 62	
] [	C 25		C 39	43		C 47	C 51	C -55	C 59		C 63	

Figure 2A



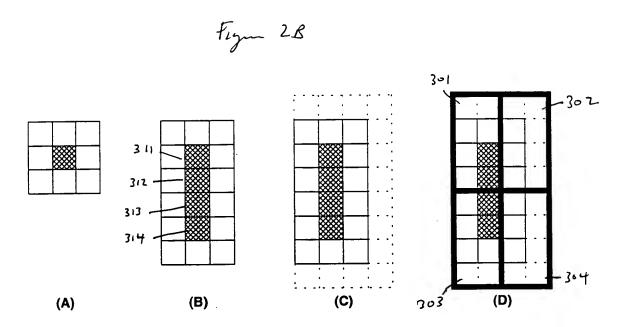
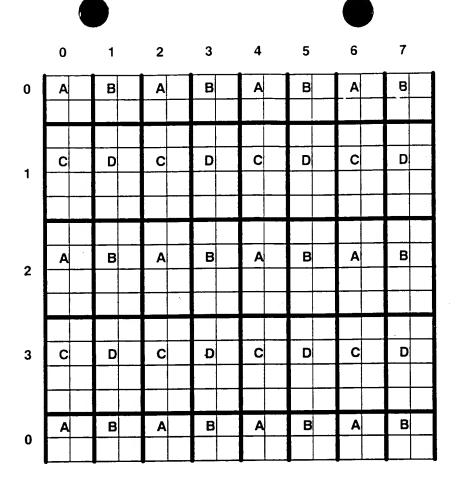
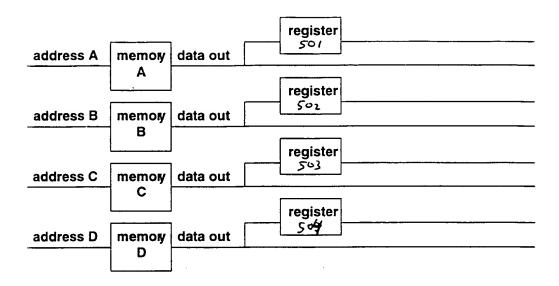
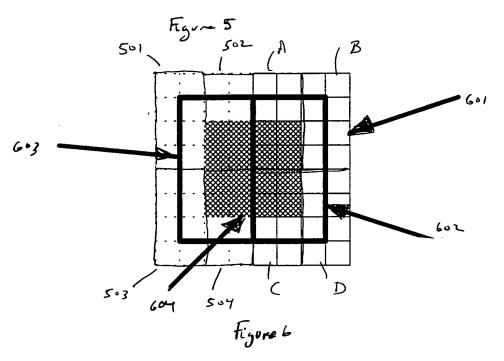


Figure 3



Figur 4





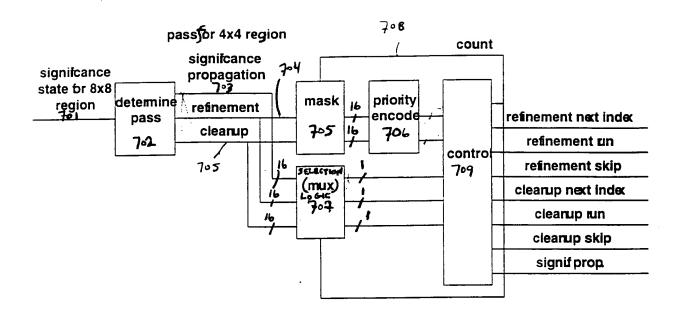


Figure 7

SP	SP	SP	SP
С	С	С	С
SP	SP	SP	SP
SP	R	R	SP

SP = significance propagtion C = cleanup

R = refinement

R pass: 2 for R pass

Figure 8

SP pass: 10\*2 for SP pass coefficients 6 for C and R pass coeffcients

C pass: 4\*2 for C pass coeficients

total: 36 clocks = 2.25 clocks per coeffcient

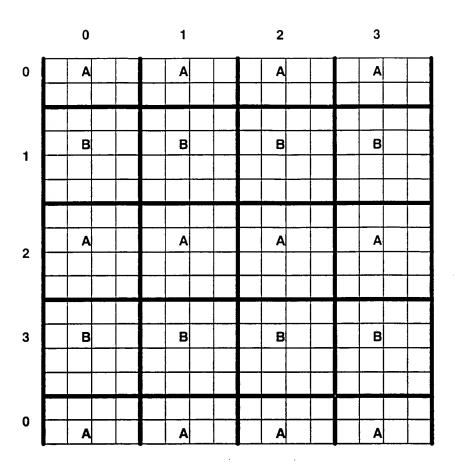
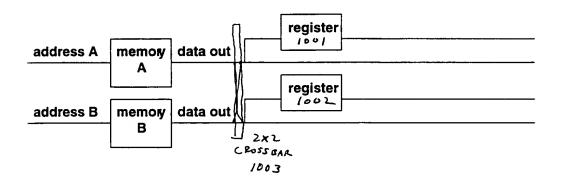
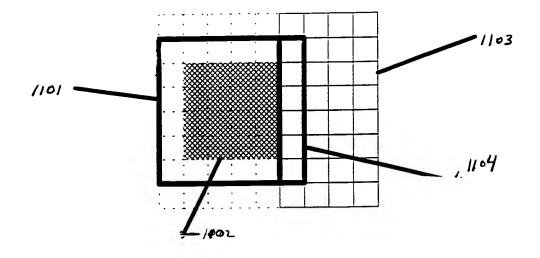


Figure 9



Fym 10



Figurell

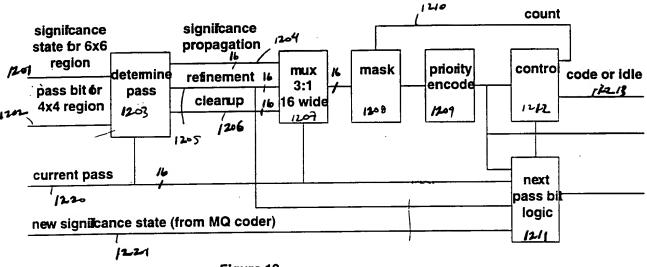


Figure 12

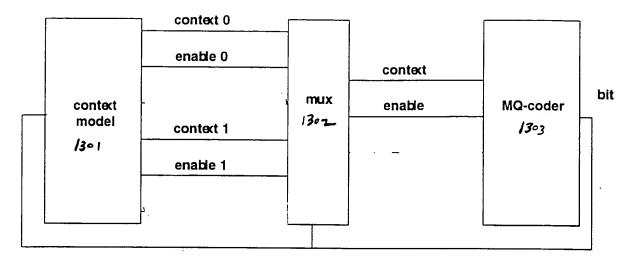


Figure 13

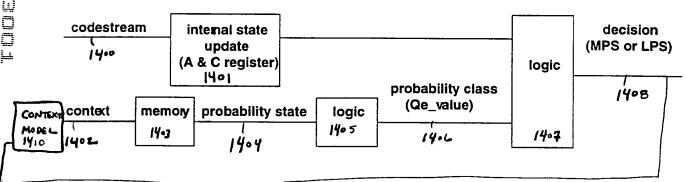


Figure 14A

•

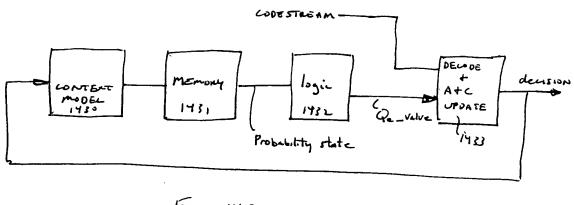


Figure 14B

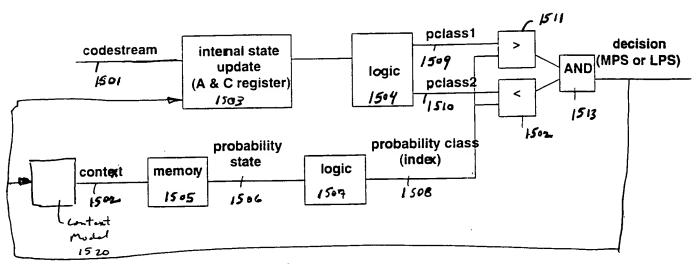


Figure 15

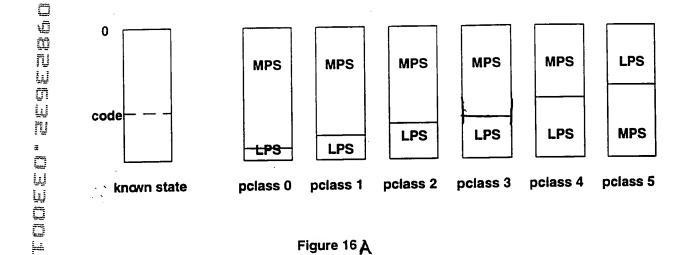


Figure 16 A

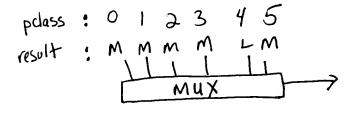


Figure 16B

5MPS 4 MPS 3 MPS 2 MPS 1 MPS LPS

Figure 17

lumina	ance	chromi	inance	chrominance					
A A A A	D	B B B B B B B B	D	C C   C C	D				
A	A	В	В	С	С				
			(A)						
A A A A	В	C C   C C	D	E E E	F				
В	A	D	С	F	E				
(8)									
F F B	С	G G C B C	F	E E E D D	E				
A	В	D	н	G	Н				
(c)									
(c)									

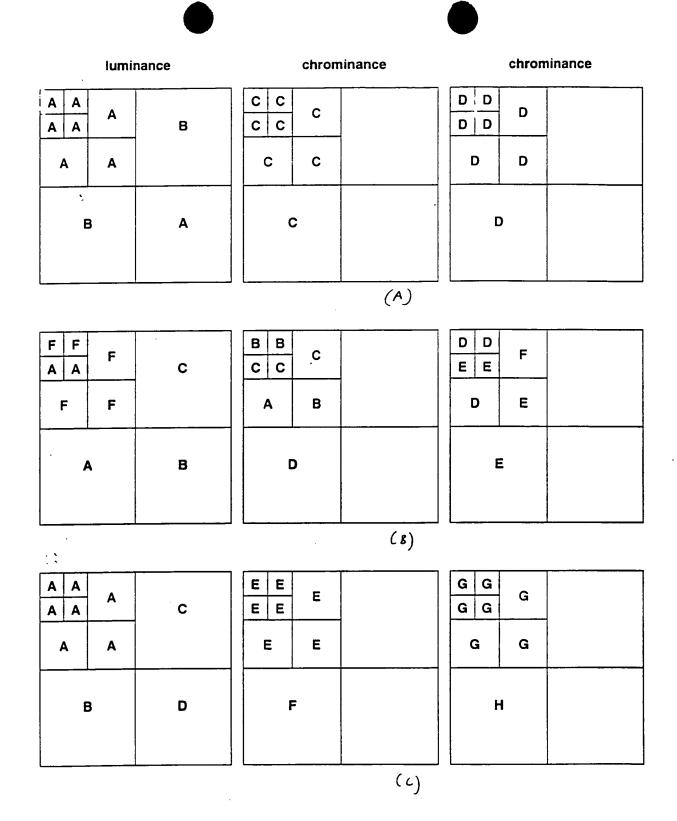


Figure 19

chrominance

luminance

chrominance

Figure 20

(4)

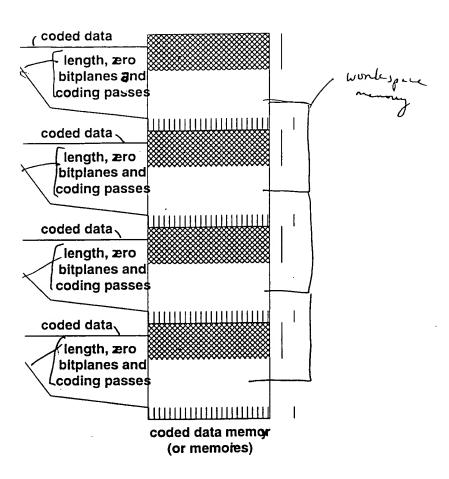


Fig 21

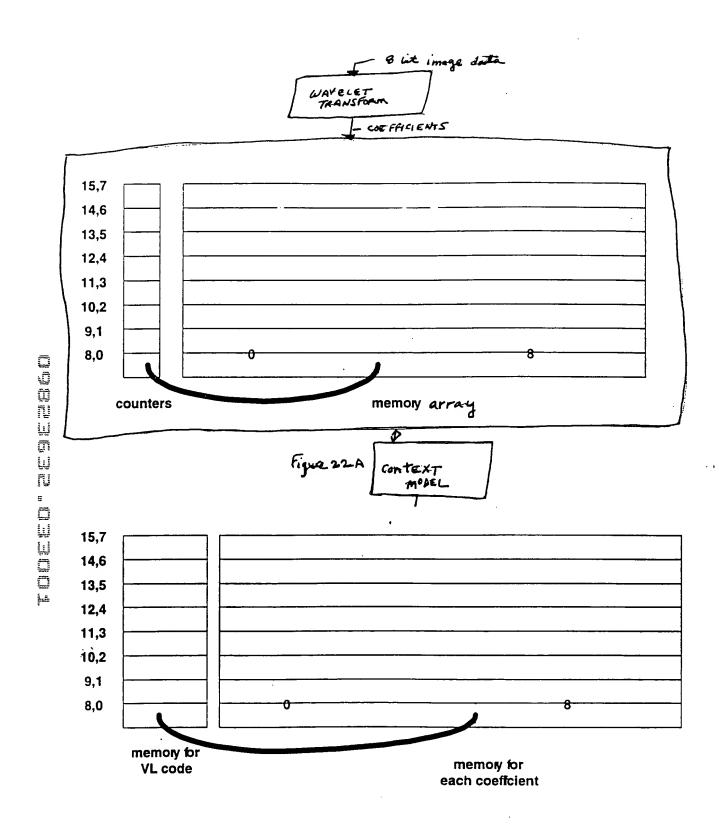
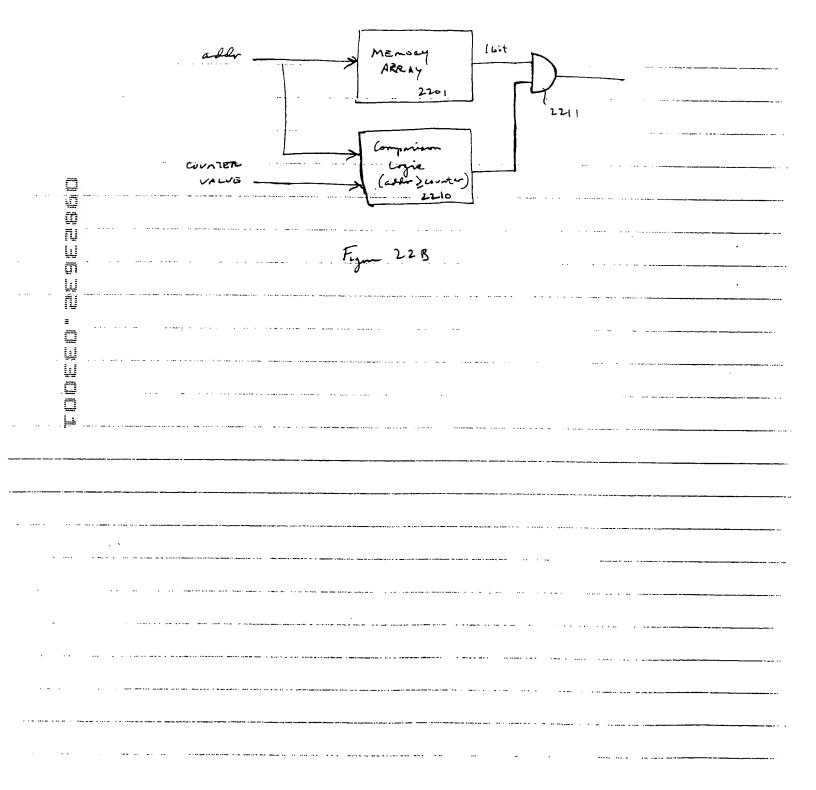
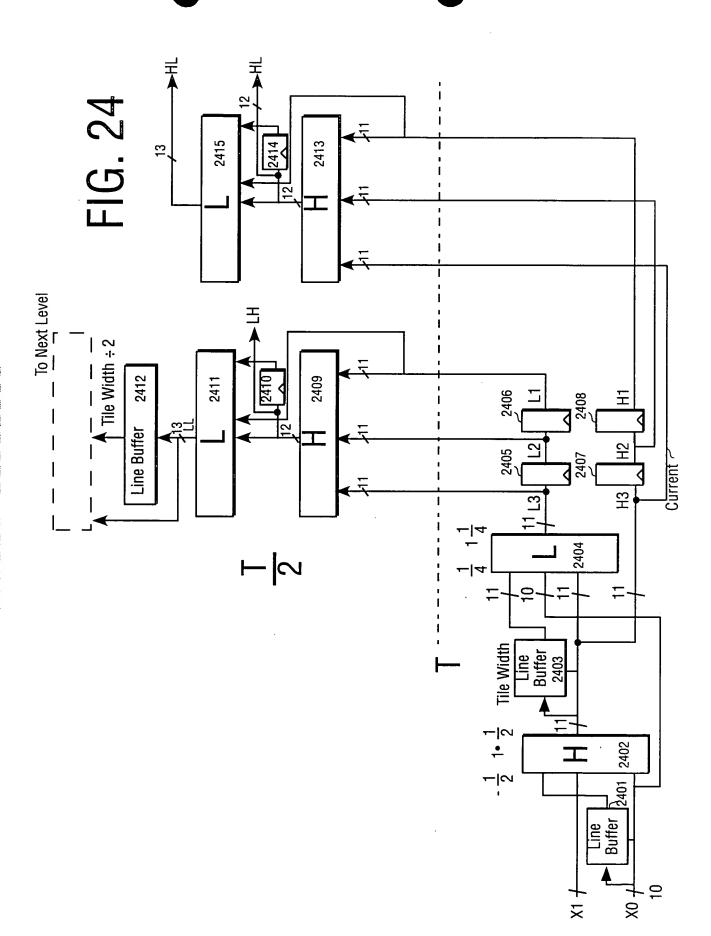
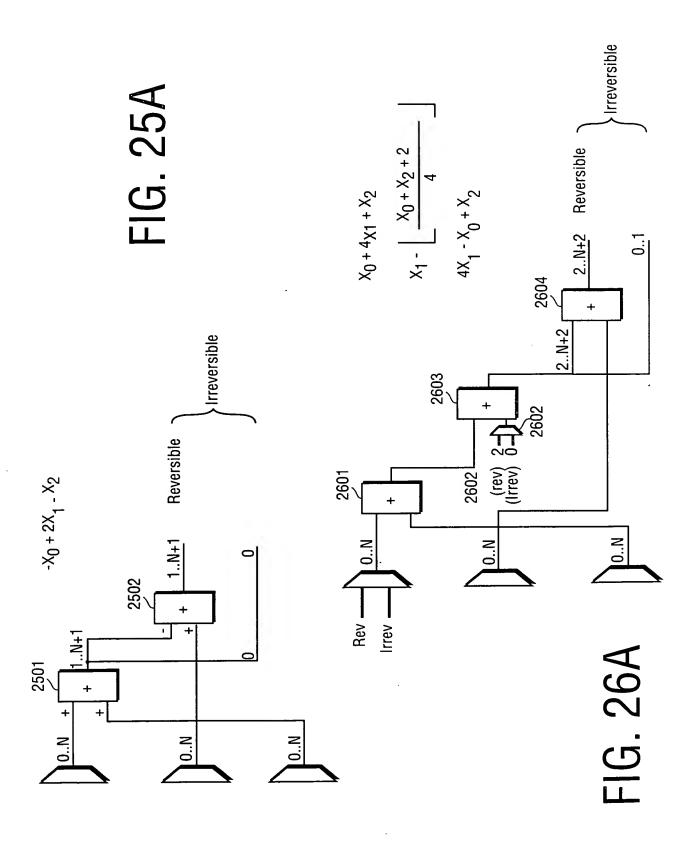


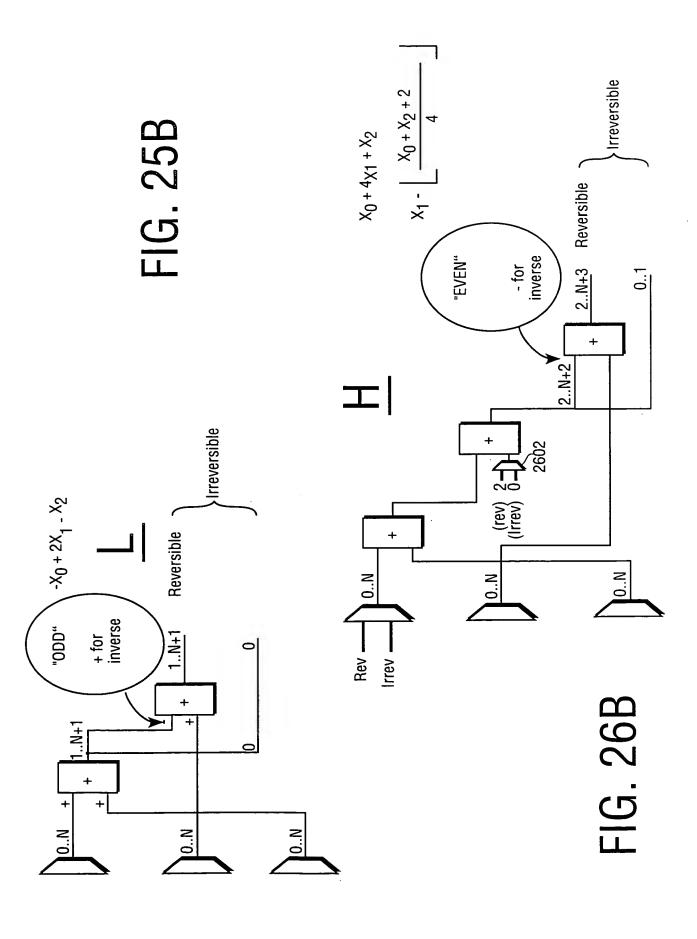
Figure 23

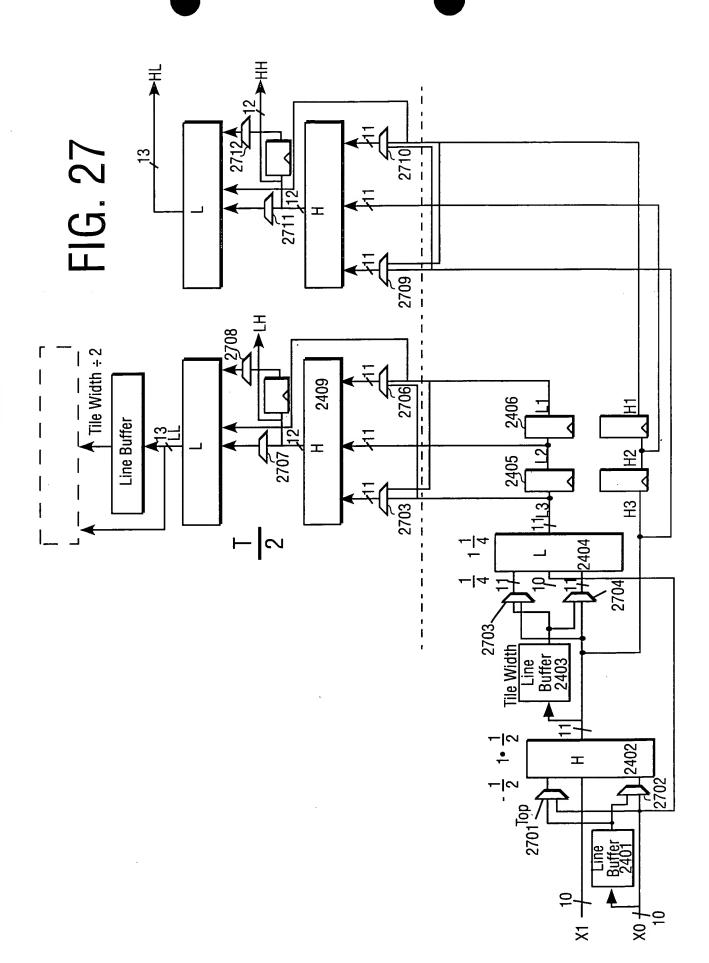


ogasasas .czscz









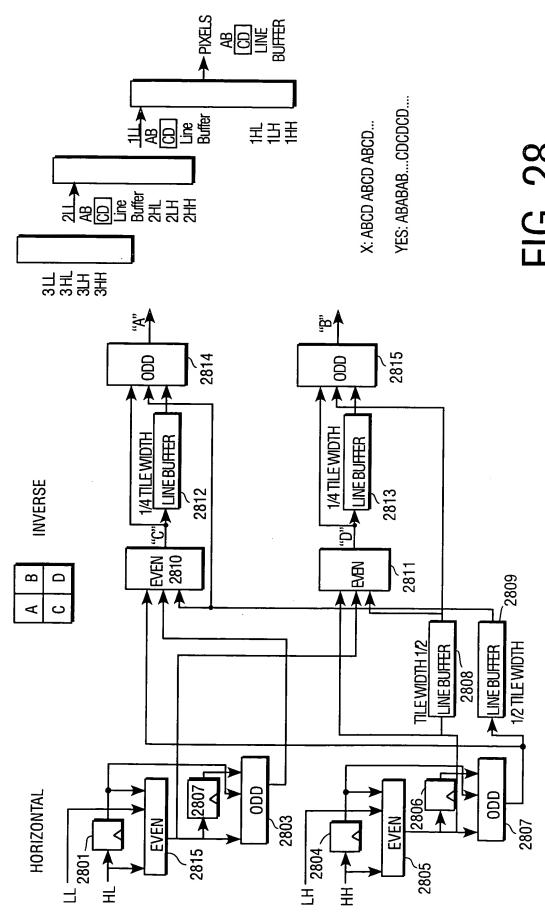


FIG. 28

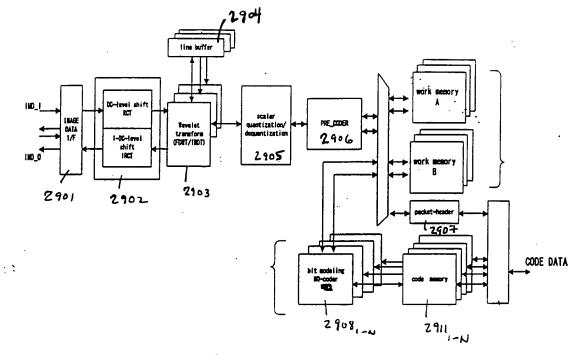


Figure 29

